

In re Appln. of Rajeev Byrisetty
Application No. 09/157,697

second type comprising the steps of:

creating and publishing a conference by a first client to the server of the first type;
querying by a second client the server of the second type to learn of the server of the first type; and,

querying by the second client of the server of the first type to learn of the conference published by the first client.

Please cancel claim 11 without prejudice.

20. (Amended) A client computer comprising:

a processor;

a computer-readable medium; and,

a computer program executed by the processor from the medium to query a first server, disposed to manage data of a first type including a server list, to obtain the server list maintained by the first server and a list of users maintained by the first server and to query each server on the server list to learn of at least one conference maintained by each server on the server list.

Please cancel claim 22 without prejudice.

25. (Amended) A computer-readable medium having a computer program stored thereon for execution on a computer to query a first server, disposed to manage data of a first type including a server list and a list of users maintained by each server on the server list, to obtain the server list and to query each server on the server list to learn of at least one conference maintained by each server on the server list.

Please cancel claim 26 without prejudice.

REMARKS

In response to the Office Action in Application Serial No. 09/157,697, filed September 21, 1998, which Office Action was mailed on April 11, 2002, applicants submit a Continued Prosecution Application together with this Preliminary Amendment. Applicants have presented this Continued Prosecution Application in order to effectively remove one of the references cited in the Office Action, Chu et al. U.S. Patent No. 6,006,331 ("Chu et al.") from proper consideration as prior art to the subject matter of the claims. Applicants have also submitted a petition for one-month extension of time to respond to the outstanding Final Office Action in the parent application.


In re Appln. of Rajeev Byrisetty
Application No. 09/157,697

In the parent application, the Final Office Action rejected pending claims 1-29. Claims 1, 10, 20 and 25 were rejected under 35 U.S.C. §103(a) as being obvious based on the following combination of references: Larson et al. U.S. Patent No. 5,907,324 ("Larson") in view of DeSimone et al. U.S. Patent No. 6,138,144 ("DeSimone"). In addition, claims 2-4, 7, 15, 17, 21-22, 26 and 27 were rejected as obvious based on the above combination of Larson and DeSimone et al. references in further combination with the Chu et al. reference. Claim 5 was rejected based on the Larson-DeSimone-Chu et al. combination of references further in view of Lister U.S. Patent No. 6,167,444 ("Lister"); claims 6, 8-9, 11-14, 16, 18, 19, 23-24 and 28-29 were also rejected based on Larson-DeSimone et al.-Chu et al.-Lister combination of references, further in view of Kumar U.S. Patent No. 6,163,531 ("Kumar").

At the outset, the Final Office Action appears to have failed to point to a clear motivation, found in the references themselves, to combine the multiple references in the manner suggested in the Office Action. Instead, the Office Action simply asserts that the various references are "in the same field of endeavor." In any event, applicants submit that a cornerstone reference to the rejection of the claims, Chu et al., should not be considered as prior art. Under 35 U.S.C. §103(c), subject matter that qualifies as prior art under 35 U.S.C. §102(e) does not preclude patentability under §103 where, as here, the subject matter and the claimed invention were commonly owned at the time of the invention. (See 35 U.S.C. §103(c)). Inasmuch as Chu et al. should not be considered as prior art, claims 2-3, 6-9, 12-19, 21, 23-29, and 27-29 should therefore be patentable.

In addition, the remaining claims, namely, claims 1, 10, 20 and 25, are also patentable. Applicants respectfully request entry of this amendment and to pass the present application to allowance.

Respectfully submitted,


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PATENT
Attorney Docket No. 210802

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Continued Prosecution of Application:

Rajeev Byrisetty et al.

Application No. 09/157,697

Filed: September 21, 1998

For: Client-Server Conference And User Seeking

Art Unit: 2152

Examiner: Paul H. Kang

**AMENDMENTS TO CLAIMS
MADE VIA PRELIMINARY AMENDMENT**

Amendments to existing claims:

1. (Amended) A system comprising:
 - at least one server of a first type, each of the at least one servers of the first type disposed to manage data of a first type including maintaining at least one conference and a list of users;
 - a server of a second type disposed to manage data of a second type including storing a list of the at least one servers of the first type; and
 - a client to query the server of the second type to obtain the server list and to query each server on the server list to learn of the at least one conference maintained by each server.
2. (Amended) The system of claim 1, wherein [each of the at least one servers of the first type further is to maintain a list of users, and] the client [further is to query] queries each server on the server list to learn of the list of users maintained by each server.
10. (Amended) A method for determining information concerning conferences handled by a server of a first type based on configuration data maintained by a server of a second type comprising the steps of:
 - creating and publishing a conference by a first client to the server of the first type;
 - querying by a second client the server of the second type to learn of the server of the first type; and,

In re Appln. of Rajeev Byrisetty
Application No. 09/157,697

querying by the second client of the server of the first type to learn of [a] the conference published by [a] the first client [to the server of the first type].

Please cancel claim 11 without prejudice.

20. (Amended) A client computer comprising:

a processor;

a computer-readable medium; and,

a computer program executed by the processor from the medium to query a first server, disposed to manage data of a first type including a server list, to obtain the server list maintained by the first server and a list of users maintained by the first server and to query each server on the server list to learn of at least one conference maintained by each server on the server list.

Please cancel claim 22 without prejudice.

25. (Amended) A computer-readable medium having a computer program stored thereon for execution on a computer to query a first server, disposed to manage data of a first type including a server list and a list of users maintained by each server on the server list, to obtain the server list and to query each server on the server list to learn of at least one conference maintained by each server on the server list.

Please cancel claim 26 without prejudice.

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Art Unit: 2152

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For: Client-Server Conference And User Seeking

PENDING CLAIMS AFTER ENTRY OF PRELIMINARY AMENDMENT

1. A system comprising:
 - at least one server of a first type, each of the at least one servers of the first type disposed to manage data of a first type including maintaining at least one conference and a list of users;
 - a server of a second type disposed to manage data of a second type including storing a list of the at least one servers of the first type; and
 - a client to query the server of the second type to obtain the server list and to query each server on the server list to learn of the at least one conference maintained by each server.
2. The system of claim 1, wherein the client queries each server on the server list to learn of the list of users maintained by each server.
3. The system of claim 1, wherein the server of the second type further is to maintain a list of users, and the client further is to query the server of the second type to learn of the list of users maintained by the server.
4. The system of claim 1, wherein the first type comprises an Internet Locator Service (ILS) type of server.
5. The system of claim 1, wherein the second type comprises a NT Directory Server (NTDS) type of server.
6. The system of claim 1, wherein the client comprises:
 - a first module to find and register the at least one server of the first type and the server of the second type; and
 - a second module to connect and authenticate with the at least one server of the first

In re Appln. of Rajeev Byrisetty
Application No. 09/157,697

type and the server of the second type.

7. The system of claim 1, wherein the client comprises:
a conference object for each conference learned of by the client, each object storing information regarding a conference; and,
a user object for each user learned of by the client, each object storing information regarding a user.
8. The system of claim 1, wherein the client comprises:
a security module to encrypt and authenticate each conference object and each user object; and,
a parser module to parse conference information received from the at least one server of the first type.
9. The system of claim 8, wherein the conference information is in accordance with the Session Description Protocol (SDP).
10. A method for determining information concerning conferences handled by a server of a first type based on configuration data maintained by a server of a second type comprising the steps of:
creating and publishing a conference by a first client to the server of the first type;
querying by a second client the server of the second type to learn of the server of the first type; and,
querying by the second client of the server of the first type to learn of the conference published by the first client.
12. The method of claim 10, further comprising joining by the second client of the conference published by the first client.
13. The method of claim 10, further comprising the step of querying by the second client of the server of the second type for an identification of the first client.
14. The method of claim 13, further comprising:
querying by the first client of the server of the second type for an identification of the first client;
modifying by the first client of information stored in a user object regarding the first client; and,
updating by the first client of the user object with the server of the second type.
15. The method of claim 13, further comprising calling by the second client of the first client.

In re Appln. of Rajeev Byrisetty
Application No. 09/157,697

16. The method of claim 10, further comprising querying by the second client of the server of the first type for the first client.

17. The method of claim 16, further comprising:
querying by the first client of the server of the first type for the first client;
modifying by the first client of information stored in a user object regarding the first client; and,
updating by the first client of the user object with the server of the first type.

18. The method of claim 16, further comprising calling by the second client of the first client.

19. The method of claim 10, wherein the first type comprises an internet Locator Service (ILS) type of server, and the second type comprises an NT Directory Server (NTDS) type of server.

20. A client computer comprising:
a processor;
a computer-readable medium; and,
a computer program executed by the processor from the medium to query a first server, disposed to manage data of a first type including a server list, to obtain the server list maintained by the first server and a list of users maintained by the first server and to query each server on the server list to learn of at least one conference maintained by each server on the server list.

21. The client computer of claim 20, wherein the computer program further is to query each server on the server list to learn of a list of users maintained by each server on the server list.

23. The client computer of claim 20, wherein the computer program comprises:
means for finding and registering the first server and each server on the server list;
means for connecting and authenticating with the first server and each server on the server list; means for storing information regarding each conference learned of by the client;
and,

means for storing information regarding each user learned of by the client.

24. The client computer of claim 23, wherein the computer program further comprises:

means for encrypting and authenticating the means for storing information regarding each conference learned of by the client and means for storing information regarding each

In re Appln. of Rajeev Byrissetty
Application No. 09/157,697

user learned of by the client; and,

means for parsing conference information received by each server on the server list.

25. A computer-readable medium having a computer program stored thereon for execution on a computer to query a first server, disposed to manage data of a first type including a server list and a list of users maintained by each server on the server list, to obtain the server list and to query each server on the server list to learn of at least one conference maintained by each server on the server list.

27. The medium of claim 25, wherein the program further is to query the first server to learn of a list of users maintained by the first server.

28. The medium of claim 25, wherein the program comprises:

means for finding and registering the first server and each server on the server list;

means for connecting and authenticating with the first server and each server on the server list;

means for storing information regarding each conference learned of by the client;

means for storing information regarding each user learned of by the client;

means for encrypting and authenticating the means for storing information regarding each conference learned of by the client and means for storing information regarding each user learned of by the client; and,

means for parsing conference information received each server on the server list.

29. The invention as in claim 1 wherein the data of the first type is dynamic data and the data of the second type is static data.

30. The invention as in claim 10 wherein the server of the first type is disposed to handle dynamic data and the server of the second type is disposed to handle static data.